

Fig. 2

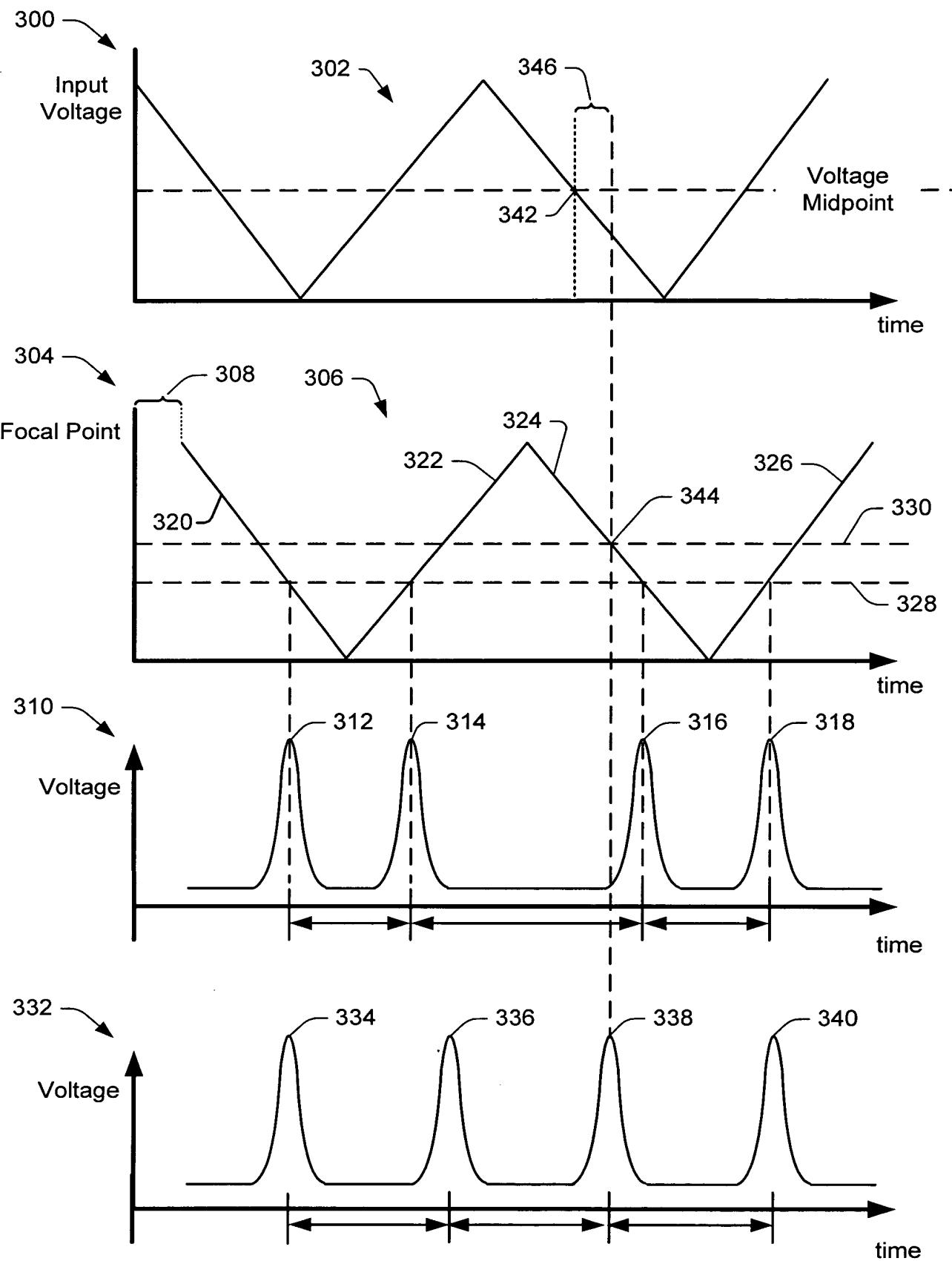


Fig. 3

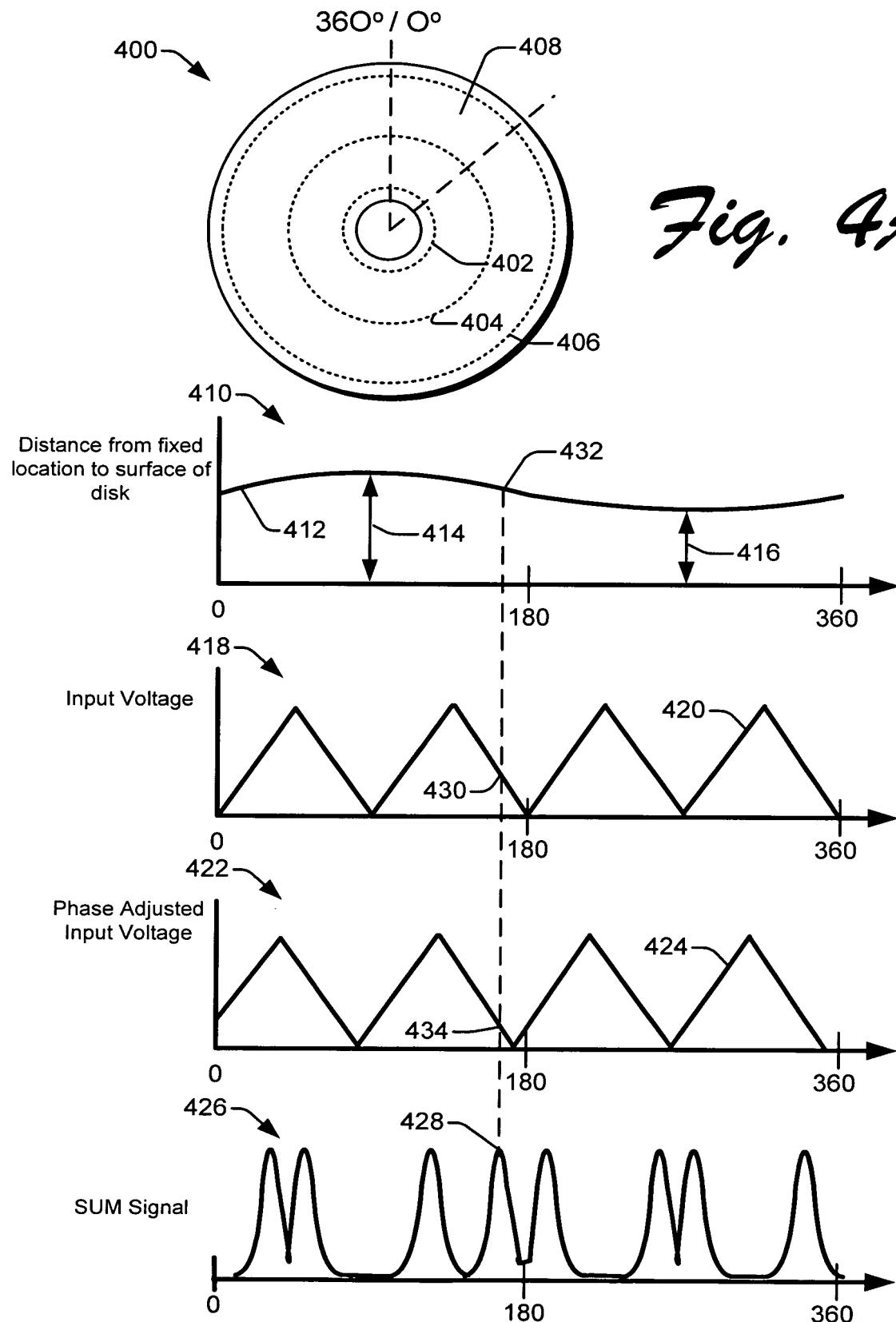


Fig. 4A

Fig. 4B

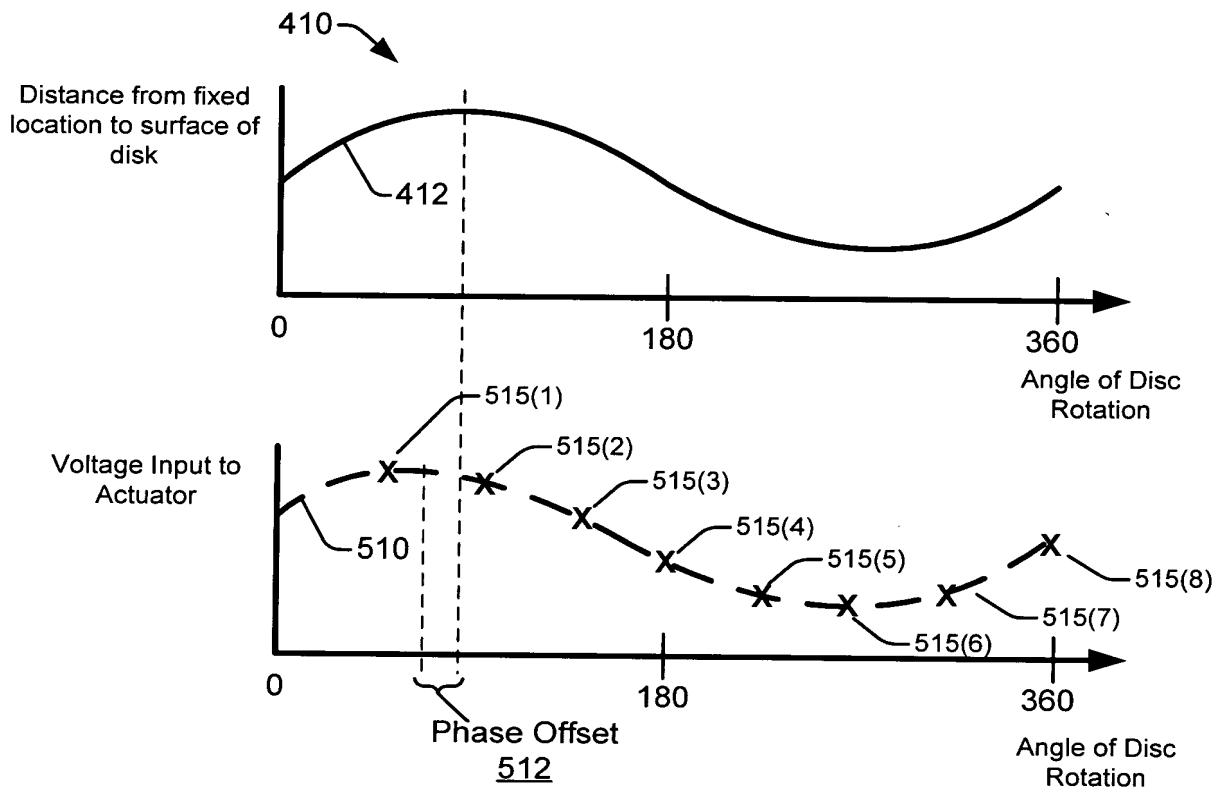


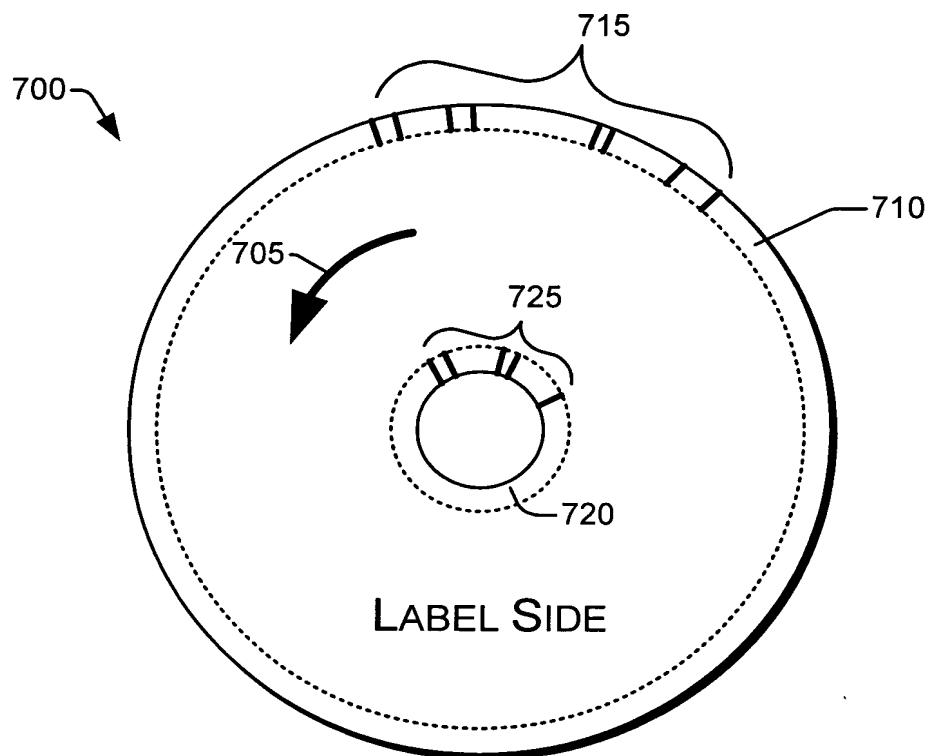
Fig. 5

Actuator Phase Lag Calibration Table <u>298</u>	
<u>Input Signal Frequency</u> <u>600</u>	<u>Phase Lag</u> <u>605</u>
2 Hz	$\Phi = +2$ deg
3 Hz	$\Phi = +4$ deg
4 Hz	$\Phi = +6$ deg
5 Hz	$\Phi = +8$ deg

*Fig. 6A*

Voltage Data Look-up Table <u>296</u>			
<u>Sector of Disc</u> <u>615</u>	<u>0&lt;r&lt;1"</u> <u>620</u>	<u>1"&lt;r&lt;2"</u> <u>625</u>	<u>2"&lt;r&lt;3"</u> <u>630</u>
0-44 deg	$V=V_1, \Phi = \Phi_1$	$V=V_9, \Phi = \Phi_9$	$V=V_{17}, \Phi = \Phi_{17}$
45-89 deg	$V=V_2, \Phi = \Phi_2$	$V=V_{10}, \Phi = \Phi_{10}$	$V=V_{18}, \Phi = \Phi_{18}$
90-134 deg	$V=V_3, \Phi = \Phi_3$	$V=V_{11}, \Phi = \Phi_{11}$	$V=V_{19}, \Phi = \Phi_{19}$
135-179 deg	$V=V_4, \Phi = \Phi_4$	$V=V_{12}, \Phi = \Phi_{12}$	$V=V_{20}, \Phi = \Phi_{20}$
180-224 deg	$V=V_5, \Phi = \Phi_5$	$V=V_{13}, \Phi = \Phi_{13}$	$V=V_{21}, \Phi = \Phi_{21}$
225-269 deg	$V=V_6, \Phi = \Phi_6$	$V=V_{14}, \Phi = \Phi_{14}$	$V=V_{22}, \Phi = \Phi_{22}$
270-314 deg	$V=V_7, \Phi = \Phi_7$	$V=V_{15}, \Phi = \Phi_{15}$	$V=V_{23}, \Phi = \Phi_{23}$
315-360 deg	$V=V_8, \Phi = \Phi_8$	$V=V_{16}, \Phi = \Phi_{16}$	$V=V_{24}, \Phi = \Phi_{24}$

*Fig. 6B*



*Fig. 7*

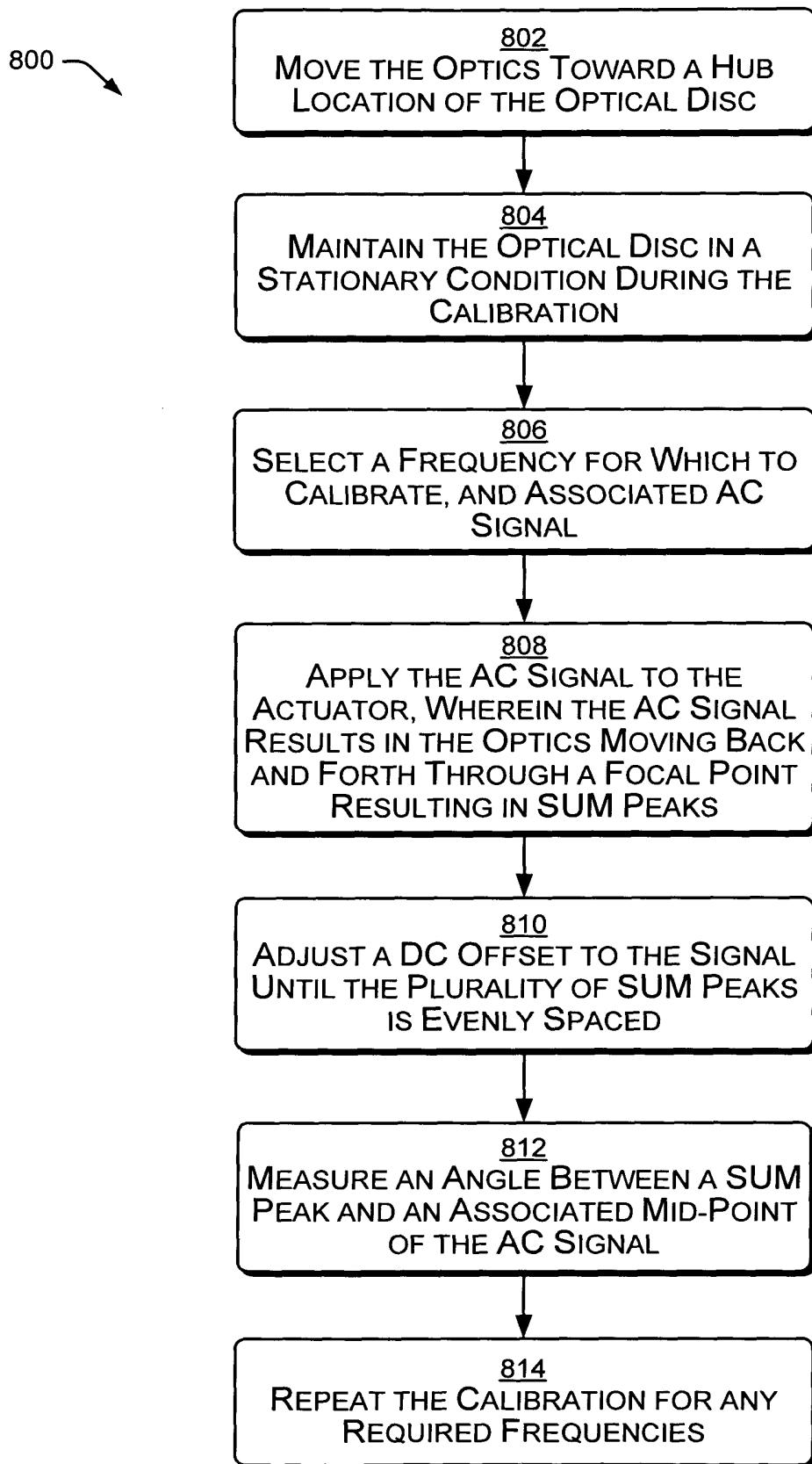


Fig. 8

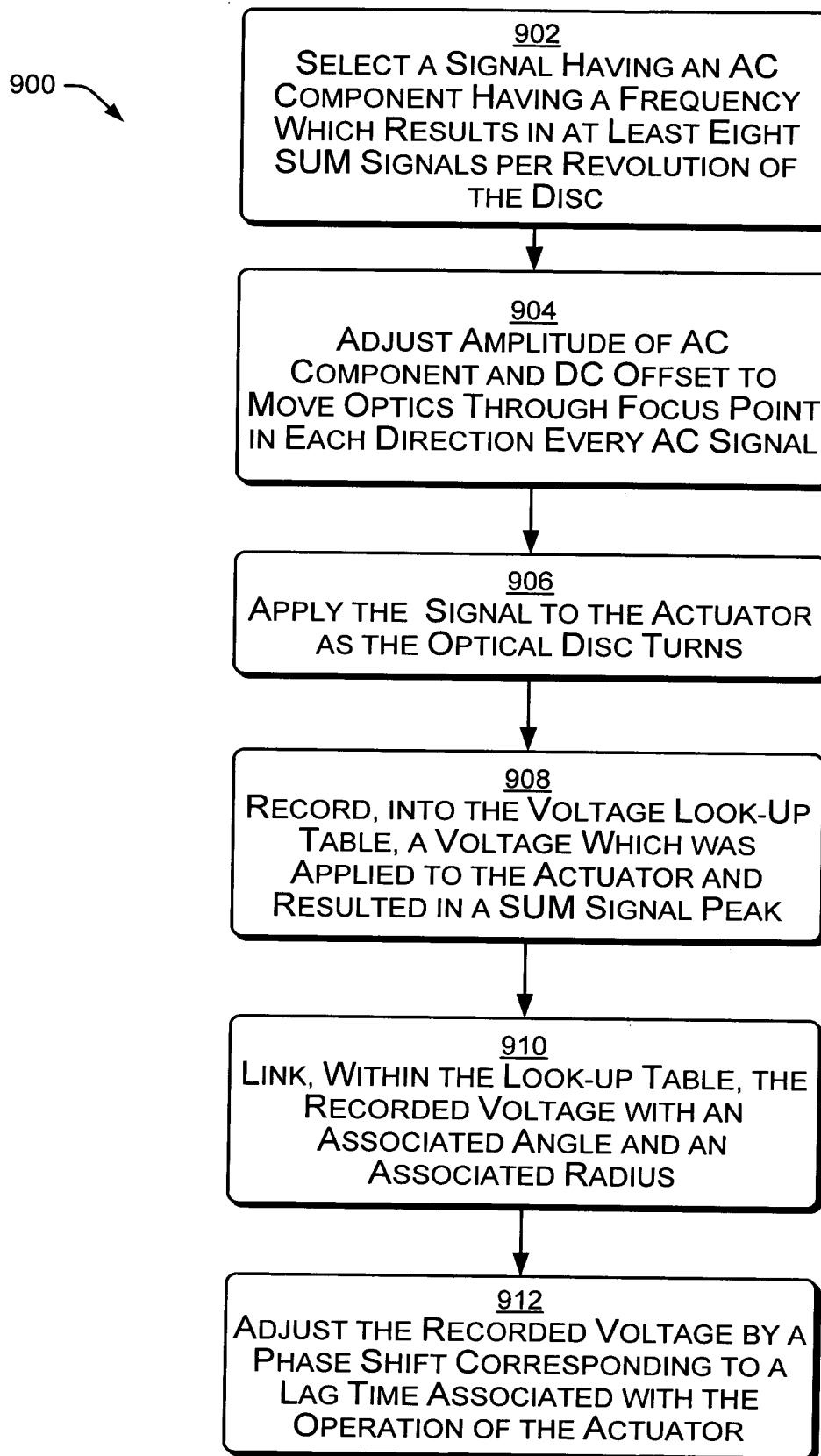


Fig. 9

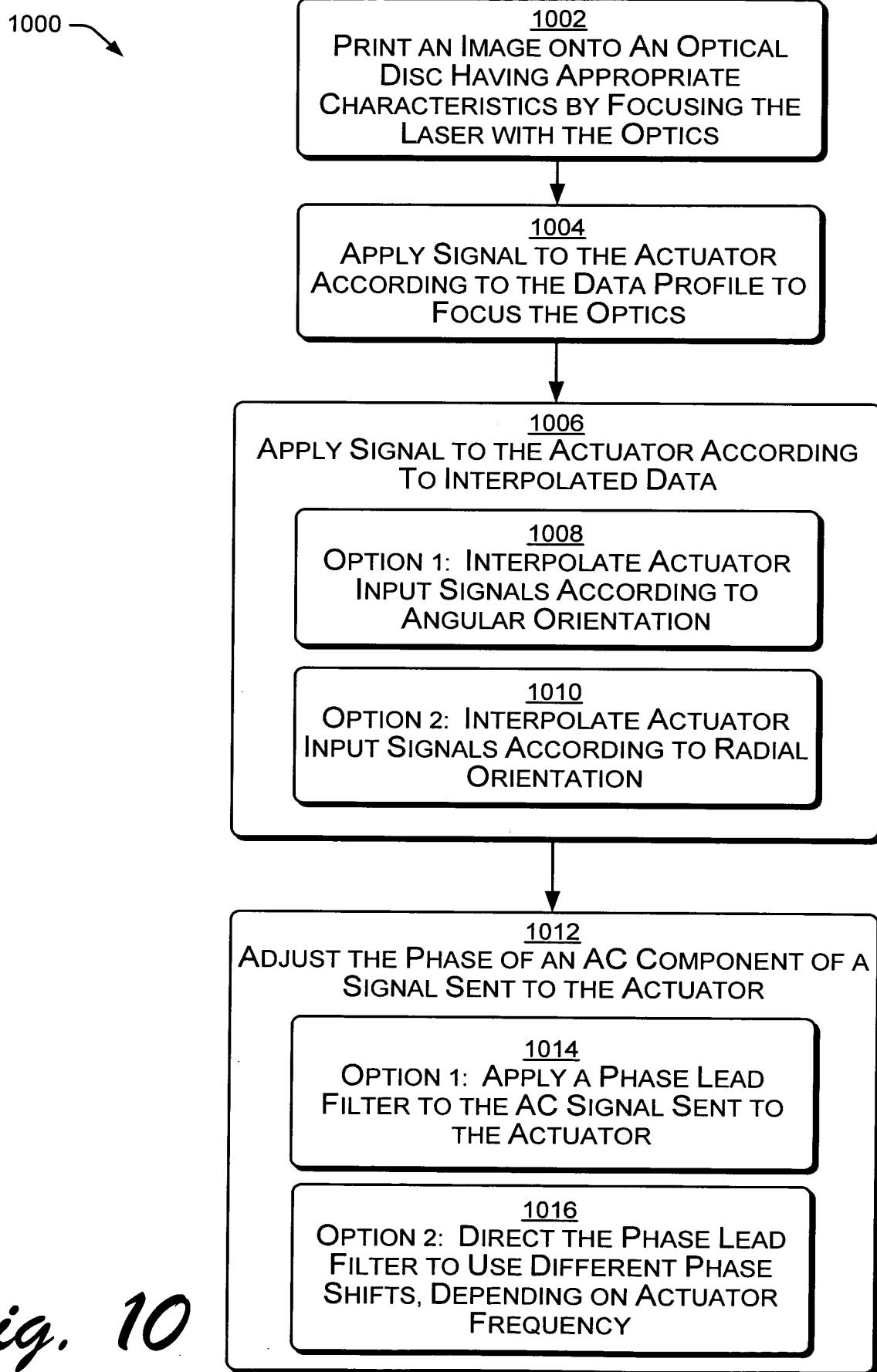


Fig. 10